

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL				Attorney Docket No.		PC25050A	
				First Inventor		Qiyue Hu	
				Title		HIV-INTEGRASE INHIBITORS, PHARMACEUTICAL COMPOSITIONS, AND METHODS FOR THEIR USE	
				Express Mail Label No.		EU882102297US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: Mail Stop Patent Application Commissioner for Patents Box 1450 Alexandria, VA 22313-1450			
<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)</div> <div>2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</div> <div>3. <input checked="" type="checkbox"/> Specification [Total Pages 108] (preferred arrangement set forth below)<ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div> <div>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total sheets]</div> <div>5. <input checked="" type="checkbox"/> Oath or Declaration [Total pages 1]<div>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 18 completed)<div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</div></div></div> <div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>				<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or computer Program (Appendix)</div> <div>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<div>a. <input type="checkbox"/> Computer Readable Copy (CRF)</div><div>b. Specification Sequence Listing on:<div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies)</div><div>ii. <input type="checkbox"/> Paper</div></div><div>c. <input type="checkbox"/> Statement verifying identity of above copies</div></div>			

				ACCOMPANYING APPLICATION PARTS			
				9. ☐ Assignment Papers (cover sheet & document(s)) 10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (when there is an assignee) 11. ☐ English Translation Document (if applicable) 12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations 13. ☐ Preliminary Amendment 14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. ☒ Other: Copy of Priority Assignment Papers			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37CFR 1.76. ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: / Prior application information: Examiner Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts							
19. CORRESPONDENCE ADDRESS							
☒ Customer Number 28940				or ☐ Correspondence address below			
Name Keith D. Hutchinson							
Address 10777 Science Center Drive							
City San Diego		State CA		Zip Code 92121			
Country USA		Telephone 858 526-4608		Fax 858 678-8233			
NAME (Print/type) Keith D. Hutchinson		Registration No. (Attorney/Agent) 43,687					
Signature Keith D. Hutchinson		Date Oct. 30, 2003					



16179 U.S. PTO

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PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small status. See 37 CFR 1.27

Total Amount of Payment (\$856)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

500329

Agouron Pharmaceuticals, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	375	Utility filing fee	770
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	filing fee	

Subtotal (1) \$ 770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below	Fee Paid
Total Claims	<input type="text" value="15"/>	- 20 =	<input type="text" value="-5"/>	x	<input type="text" value="0"/>	= <input type="text" value="0"/>
Independent Claims	<input type="text" value="4"/>	- 3 =	<input type="text" value="1"/>	x	<input type="text" value="86"/>	= <input type="text" value="86"/>
Multiple Dependent					<input type="text" value="0"/>	= <input type="text" value="0"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue independent claims over original patent

SUBTOTAL (2) (\$ 86

Complete if Known

Application Number	To be Assigned
Filing Date	Herewith
First Named Inventor	Qiyue Hu
Examiner Name	To be Assigned
Art Unit	To be Assigned
Attorney Docket No.	PC25050A

FEE CALCULATION (continued)

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late fee or oath	
1052	50	2052	25	Surcharge-late filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions to the Commissioner	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2810	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1802	900	1802	900	Request for expedited examination of a design application	

Other Fee (specify)

*Reduced by Basic Filing Fee Paid

Subtotal (3) (\$ 0

SUBMITTED BY

Name (Printed/Type)	Keith D. Hutchinson	Registration No.	43,687	Telephone	858 526-4608
Signature	<i>Keith D. Hutchinson</i>	(Attorney Agent)		Date	Oct. 30, 2003

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 137 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and for suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-pto-9199 and select option 2.

PC25050A
Non-Provisional Application

Certificate of Mailing (37 C.F.R. §1.10);
I hereby certify that this correspondence is being
deposited with the United States Postal Service as
Express Mail (EU882102297US) in an envelope
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Commissioner for Patents,
PO Box 1450, Alexandria, VA 22313-1450
on this 30th day of October 2003.

/s/ Rachel Potash
Rachel Potash

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
Qiyue Hu, et al.

Group Art Unit: Not Yet Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: Herewith

For: HIV-INTEGRASE INHIBITORS,
PHARMACEUTICAL COMPOSITIONS, AND
METHODS FOR THEIR USE

Mail Stop: Patent Application
Honorable Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith are the following documents:

- | | |
|---|---------------------|
| 1. Utility Patent Application Transmittal | 1 page; |
| 2. Fee Transmittal | 1 page + duplicate; |
| 3. Copy of Priority Assignment Papers | 7 pages; |
| 4. Application Data Sheet | 3 pages; |
| 5. Specification | 108 total pages; |
| • Claims | 11 pages; |
| • Abstract | 1 page; |
| 6. Power of Attorney | 6 pages; |
| 7. Declaration for Utility | 1 page; |
| 8. Return Postcard | 1 postcard; and |
| 9. Total Fee Due | Deposit Account |

Respectfully submitted,

Date: Oct. 30, 2003

Keith D. Hutchinson

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